# ATTACHMENT FF

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FUGRO-McCLELLAND (WEST), INC.



# TANK REMOVAL REPORT

AUG 26 1992

RECEIVE

3801 Sepulveda Boulevard Culver City, California

DEPARTMENT OF POULS AND THE WASTE MARAGEMENT DIVISION

Tank Closure Permit 9067B, File I-7099

Submitted to:

Shell Oil Company

August 1992



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### FUGRO-McCLELLAND (WEST), INC.

August 19, 1992 Project No. F92-41-2850 WIC 204-1944-0100

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5855 Olivas Park Drive Ventura, CA 93003-7672 Tel: (805) 650-7000 FAX: (805) 650-7010

Shell Oil Company
Post Office Box 4218
Woodland Hills, California 91365-4218

Attention: Mr. John Stevens

Tank Removal Report
3801 Sepulveda Boulevard
Culver City, California
Tank Closure Permit 9067B, File I-7099

#### **Executive Summary**

On June 19, 1992, four underground fuel storage tanks were removed from the subject site. Each tank had a storage capacity of 12,000 gallons and was constructed of fiberglass. Removal was performed by JMC Construction of Chino, California. Prior to removal, the tanks were degassed by JEM Degassing. Removal was performed under the supervision of the Culver City Fire Department (Inspector Marty Kutylo). Soil samples were collected below the tanks under the supervision of the Los Angeles County Department of Public Works (Inspector Ifeanyichukwu Azie). All but one of the soil samples collected below the tanks had low to nondetectable levels of total petroleum hydrocarbons (TPH) as gasoline or diesel, benzene, toluene, ethylbenzene, and total xylenes (BTEX) and organic lead. Following the removal of the tanks, the excavation was enlarged and five new 12,000-gallon-capacity tanks were installed. The removed tanks were transported offsite for proper disposal.

On June 30, 1992, soil samples were collected below the fuel dispensers and product lines per Los Angeles County Department of Public Works permit requirements. Low to nondetectable levels of TPH, BTEX, and organic lead were detected in these samples. One sample, D-4, had higher levels of TPH/BTEX than the other samples.

#### Setting

The Shell service station is located on the southwest corner of the intersection of Sepulveda and Venice Boulevards in Culver City, California. On the southeast corner of the site is a Mobil station and on the northwest corner is a Chevron station. The northeast corner of the

P92-2850

Twenty-five offices nationwide in the United States
International operating companies in Australia, Belgium, Brunei, Canada, Germany, Hong Kong, Indonesia, Japan,
Malaysia, The Netherlands, Saudi Arabia, Singapore, United Kingdom, and United Arab Emirates

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intersection is presently occupied by a strip center; its previous use is unknown. Surrounding land use is commercial along the large streets and residential between major streets. The San Diego Freeway is about one block west of the station.

Geologically, the site is on the Los Angeles Coastal Plain. This plain is an accumulation of marine and nonmarine sediments deposited over Tertiary age bedrock. The alluvial section below the site is hundreds to thousands of feet thick. We understand that groundwater-bearing zones are contained within the alluvium. Groundwater monitoring wells associated with groundwater remediation occurring at the adjacent Mobil station have standing groundwater at about 80 feet below grade.

Earth materials noted during the tank removals included artificial fill and alluvium. Fill consisted of silty sand to about 12 feet below grade and pea gravel near the tanks. Alluvium was comprised of yellow-brown sand and gravel sized clasts. Some cobbles to about 6 inches in diameter were noted. The alluvium was damp but not water saturated.

### Sampling Methodology

Four underground storage tanks were removed on June 19, 1992. The tanks were degassed by JEM degassing under SCAQMD permit #246565. Removal of the tanks was by JMC Construction. Inspector Marty Kutylo of the Culver City Fire Department was onsite to watch the removal of the tanks from the excavation. Inspector Ifeanyichukwu Azie of Los Angeles County Department of Public Works - Waste Management Division was onsite to direct sampling soil below the tanks. The tanks were transported offsite under hazardous waste manifests for proper disposal.

Soil samples were obtained below the tanks following their removal. Plate 1 depicts the sampling locations. Using the excavator bucket, pea gravel was removed and a sample of alluvium collected about 2 to 4 feet into native material. A brass liner was driven by hand into the alluvium contained within the excavator bucket. The liner was filled to capacity, sealed with Teflon, capped, secured with duct tape, labeled, and stored on ice for transport to a state-certified analytical laboratory. A courier from the laboratory was onsite to receive the samples. Spoil piles were also sampled to classify the material excavated. About 1 foot of soil was removed from the top of the spoil piles and a liner pushed into the pile. The liners were sealed with Teflon, capped, labeled, and secured with duct tape. They were iced during transport to the analytical laboratory. All samples were collected as directed by the Los Angeles County Public Works inspector. Soil pile samples were composited prior to analysis.

Soil samples were collected with a hand auger from below the fuel dispensers and along the fuel lines. Per permit requirements from the Los Angeles County Public Works, soil samples are required below each dispenser and every 20 feet of pipe run. Soil samples were

P92-2150

Shell Oi	I Co	mpany		
August	19,	1992	(F92-41	-2850

TUGRO A McClelland

collected below each dispenser one sample was obtained below the product lines. During the tank excavation, soils below the product lines were removed. Consequently, these locations could not be sampled at a later date. Samples were obtained with a hand auger, stored in brass liners, capped with Teflon, sealed, labeled, and forwarded to a state-certified laboratory for analysis.

#### Results

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Soil samples were analyzed per methodologies requested by Los Angeles County Public Works. These sampling protocols include: TPH (EPA 8015-diesel) and BTEX (EPA 8020) for the samples below the diesel tank, TPH (EPA 8015-gasoline) and BTEX (EPA 8020) for the samples below the gasoline tanks, and organic lead below the gasoline tank nearest the fuel island area. Spoil pile samples were composited and analyzed for TPH (EPA 8015-gasoline) and BTEX. The product line and dispenser samples were analyzed for TPH gasoline (EPA 8015-modified), and BTEX (EPA 8020). The sample collected below the diesel fuel dispenser was analyzed for TPH diesel and TPH gasoline. The results of these analyses are listed in Table 1. Analytical results of the dispenser and fuel line samples are also included in Table 1.

Shell Oil Company August 19, 1992 (F92-41-2850)



#### Table 1. Soil Analyses

Analyses Performed: Total Petroleum Hydrocarbons, Modified for Gasoline or Diesel (EPA 8015 Modified)

Benzene, Toluene, Ethylbenzene, Total Xylenes (EPA 8020)

Organic Lead (DOHS Method)

	Data in Parts Per Million (ppm)						
Sample	TPH Gasoline	TPH Diesel	В	т	E	· <b>x</b>	Organic Lead
	1	Below Undergrou	nd Fuel Stora	ge Tanks			
1A		ND	ND	0.20	0.13	0.60	-
1B		ND	ND	0.16	ND	0.33	- 1
2A	1987		17	445	122	1,040	0.5
2B	ND	-	ND	ND	ND	ND	0.6
3A	2.3	_	ND	0.17	ND	0.46	_
3B	0.6		ND	ND	ND	ND	
4A	1.7		ND	ND	ND	0.24	
4B	ND		ND	ND	ND	0.24	
Below Fuel Dispensers and Product Lines							
D-1	30.6	_	0.05	2.1	0.2	7.1	_
D-2	27.4	_	0.05	1.4	0.08	4.3	_
D-3	ND	_	0.05	0.05	ND	0.04	_
D-4	2,212.5	_	18	73	69	930.7	-
D-5	ND	ND	0.06	0.06	0.02	0.08	-
L-1	ND ·		0.06	0.04	ND	0.04	<u> </u>
		Spoil	Pile Samples				
SP-1, SP-5	1.2	<b>-</b> .	0.3	ND	ND	ND	-
SP-2, SP-3, SP-4	1.0	_	ND	ND	0.15	0.36	-
SP-6, SP-7	1.2	_	ND	ND	ND	0.69	-
SP-8	ND	-	0.06	0.04	ND	0.2	_
SP-9	ND	_	0.04	0.04	ND	0.06	-
Detection Limit	0.5	10	0.005	0.005	0.005	0.015	0.5

ND Not detected
Analysis by Crosby Labs, Inc.

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#### Discussion

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Soil samples were collected below the underground fuel storage tanks at this Shell station. Soil samples were collected below the tanks, dispensers, and pipelines, and analyzed per Los Angeles County Public Works requirements. The sampling was conducted in association with the removal of four fuel tanks. Samples were collected at locations specified by the Los Angeles County Department of Public Works and analyzed by methods specified by them. Other than sample 2A, collected below one of the gasoline storage tanks, TPH did not exceed 3 ppm and BTEX concentrations did not exceed 1 ppm. Excluding sample 2A, benzene was not detected in any samples collected below the tanks. Organic lead was detected at concentrations near the detection limit in samples 2A and 2B.

Soil samples collected below the fuel dispensers and product lines were also analyzed. TPH- gasoline was detected in three of six samples analyzed. BTEX were detected in all of the samples. Only one sample (D-4) had levels of TPH-gasoline or BTEX which exceeded 50 ppm and 10 ppm, respectively.

Following removal of the tanks, the excavation was enlarged and five new 12,000-gallon-capacity double-walled fiberglass tanks were installed at the site. Soil pile sampling results had low to nondetectable levels of TPH/BTEX. Soil generated during the excavation enlargement was removed to a Class III landfill.

#### Limitations

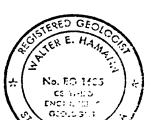
This report has been prepared for Shell Oil Company as a tank removal sampling report for a Shell service station at 3801 Sepulveda Boulevard, Culver City, California. In performing our professional services, we have applied present engineering and scientific judgement and used a level of effort consistent with the standard of practice measured on the date the work was performed in the locale of the project site for similar type studies. Fugro-McClelland (West), Inc., make no warranty, express or implied, concerning any of the materials or services furnished.

The analyses and interpretations in this report have been developed based on results of the review of existing information pertaining to the site, soil samples collected from discrete locations at the project site, and the results from laboratory analyses of soil samples. It should be recognized that subsurface conditions can vary laterally and with depth below a given site.

P92-2850

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Please contact us with any questions regarding this report. The following documents are attached: soil analytical results from Crosby Laboratory, tank degassing certificate from JEM Degassing, hazardous waste manifests for the tanks, and the tank removal permit from the Los Angeles County Department of Public Works.



Sincerely,

FUGRO-McCLELLAND (WEST), INC.

Walter E. Hamann, C.E.G.

Senior Geologist

Registered Geologist No. 4742

Michael P. Gialketsis

Geoenvironmental Services Manager

WEH:MPG:av/F92-2850

Enclosures: Permits and Manifests

Laboratory Reports

c: Mr. Mike Claudio - Shell Oil Company

Los Angeles County Department of Public Works

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ugro 🛭 McClelland July 1992 Project No. F92-41-2850 Sepulveda Blvd. DRIVEWAY DRIVEWAY SIDEWALK PLANTER PLANTER 1- DNAJ SILAND -DRIVEWAY SHELL SERVICE STATION 3401 Sepulveda Boulevard Culver City, California ●2 KIOSK SITE MAP SIDEWALK PLANTER Venice Bivd. GASOLINE GASOLINE GASOLINE DRIVEWAY DIESEL DISPENSER Soil Sampling Location Removed Underground Fuel Storage Tank Tank Excavation LEGEND FFICE PLANTER PLATE 1 00195

# ATTACHMENT GG

## 204-1944-0100

## FUGRO-McCLELLAND (WEST), INC.

August 19, 1992 Project No. F92-41-2850 WIC 204-1944-0100

Shell Oil Company
Post Office Box 4218
Woodland Hills, California 91365-4218

Attention: Mr. John Stevens

TUGRO D McClelland

5855 Olivas Park Drive Ventura, CA 93003-7672 Tel: (805) 650-7000 FAX: (805) 650-7010

contaminated soil
been into died
full STEX countin

## Tank Removal Report Recommendations 3801 Sepulveda Boulevard Culver City, California

Dear Mr. Stevens:

Per Shell's request, these recommendations are presented under separate cover from the tank removal report. The recommendations are based on information contained in the report and observations made at the site. Four fuel storage tanks were removed from the site on June 19, 1992. These tanks were removed following the suspected failure of one of the tanks. The tanks were made of single walled fiberglass and had a capacity of 12,000 gallons each. Prior to removal, the excavation was shored with sheet piles. Excavation monitoring per SCAQMD requirements was performed by Fugro-McClelland. JMC Construction of Chino, California, was the tank contractor for this project.

Following removal of the tanks, they were inspected for leaks. Tank 2 (Plate 1) had a crack in one of the ribs encircling the tank. The Owens Corning Fiberglass tank representative thought that it was cosmetic and would not leak fuel. Below the port used to gauge the tank, there was a crack, probably from the gauging process. The fiberglass was slightly pushed out. The gauging stick did not actually puncture the tank completely. Fiberglass surrounding this cracked area was discolored (dark colored), as was the pea gravel backfill below this point on the tank. The other tanks appeared intact. Tank 4 may have had a slight crack below its gauging port. However, neither the fiberglass nor the pea gravel were discolored. Consequently, we do not believe that this tank released fuel. Photographs taken during tank removal are included with this letter.

The possibility exists that the end being gauged was designed for the turbines. Prior to removal, we noted that a "gauge here" label painted on the tank corresponded to the end which had the turbine. Consequently, the end that was gauged may not have had a strike plate.

Once the tanks were removed, soil samples were collected from below the ends of each tank. Other than sample 2A, all samples appeared to be minimally impacted with gasoline or diesel



hydrocarbons. These soils were not discolored and did not have a gasoline odor. Sample 2A, below the leaking point of tank 2, had an odor of fresh gasoline. The analytical results of 2A suggested that gasoline had impacted the soil. The ratio of volatile hydrocarbons in this sample suggested that the gasoline was not weathered.

Soil samples were also collected below the fuel dispensers and product lines. Soil results from one of the six analyzed had levels of TPH/BTEX above Los Angeles County Public Works cleanup levels. The other five samples had low levels of TPH/BTEX. The County may require that the area having elevated levels of TPH/BTEX be assessed and possibly remediated.

Prior to installing new tanks at the site, the tank excavation was enlarged. During the enlargement, soils discolored grey and having a faint gasoline odor were noted. These soils appeared to be backfill from a previous tank replacement. The soils looked like fill material and extended to about 10 to 15 feet below grade. Analyses of this soil detected very low levels of gasoline hydrocarbons. The gasoline appeared to be highly weathered.

A vapor extraction gallery was put into the tank excavation prior to the reinstallation of new tanks. This gallery was made of 4-inch-diameter schedule 40 PVC pipe with 0.020-inch-wide slots. It encircled the base of the excavation (Plate 2). A blank riser brought the gallery to grade. Echoseal, a plastic/rubber-like liner, was used in the excavation to prevent the vapor extraction gallery from drawing air from the clean pea gravel backfilling the tanks. The pipes were put in shallow trenches, surrounded with about 4 inches of pea gravel and covered with Echoseal. The Echoseal covered the entire excavation bottom. Plate 3 depicts the design of the vapor gallery. Below grade piping was used to stub the extraction gallery out near the air and water dispensers. The diesel tank area was not used to install a storage tank. Soils that were suspected of being contaminated with gasoline were placed into the excavation. A vapor extraction gallery, having a similar design as in the tank area, was also installed in this excavation prior to backfilling (Plate 4).

Per a conversation with JMC Construction, soils removed from the site were disposed of at Rose Hills Class III landfill. Soils that appeared to be impacted with gasoline were kept onsite and backfilled into the diesel tank excavation.

This site has been impacted with gasoline hydrocarbons. The vertical and lateral extent of the hydrocarbons has not been determined. We recommend that the tank removal report be forwarded to Los Angeles County Public Works, per their requirements. We expect that they will request that a site assessment be completed wherein the vertical and lateral extent of soil or groundwater contamination be defined. Once this request is made, we recommend that it be performed. Available data suggests that a recent release of gasoline is culpable for the soil degradation. This contaminant type is amenable to vapor extraction remediation. Consequently, during assessment, vapor extraction wells should be installed in soil sampling borings. By installing the vapor extraction wells at that time, Shell should be able to reduce the overall costs of bringing this site into compliance with Los Angeles County Public Works cleanup standards. During the



installation of new tanks at this site, two 15-inch-diameter casings were installed between the tanks. These casings are to be used if drilling between the tanks is necessary. Drilling through the casings allows us to sample soil or install wells with a minimal risk of encountering the newly installed tanks.

#### Limitations

This report has been prepared for Shell Oil Company as a tank removal sampling report for a Shell service station at 3801 Sepulveda Boulevard, Culver City, California. In performing our professional services, we have applied present engineering and scientific judgement and used a level of effort consistent with the standard of practice measured on the date the work was performed in the locale of the project site for similar type studies. Fugro-McClelland (West), Inc. make no warranty, express or implied, in fact or by law, whether of merchantability, fitness or any particular purpose, or otherwise concerning any of the materials or services furnished by Fugro-McClelland (West), Inc., to client.

The analyses and interpretations in this report have been developed based on results of the review of existing information pertaining to the site, soil samples collected from discrete locations at the project site, and the results from laboratory analyses of soil samples. It should be recognized that subsurface conditions can vary laterally and with depth below a given site.

Please contact us with any questions regarding these recommendations.

Sincerely,

FUGRO-McCLELLAND (WEST), INC.

Walter E. Hamann, C.E.G.

Senior Geologist

Registered Geologist No. 4742

Michael P. Gialketsis

Geoenvironmental Services Manager

WEH:MPG:av/F92-2850

Attachments: Plates 1 through 4 - Photographs sent with original, no photo copies submitted

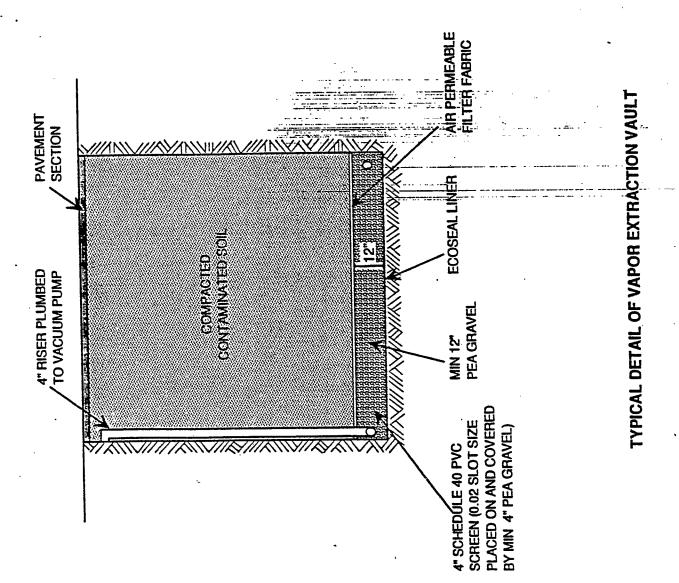
c: Mr. Mike Claudio - Shell Oil Company

Venice Bivd.

DRIVEWAY DRIVEWAY SIDEWALK PLANTER **PLANTER** DRIVEWAY SITE MAP
SHELL SERVICE STATION 3401 Sepulveda Boulevard Culver City, California ● 2 KIOSK SIDEWALK PLANTER <u>03</u> 38 - PUMP ISLAND GASOLINE GASOLINE GASOLINE DRIVEWAY **20** DIESEL DISPENSER Soil Sampling Location Removed Underground Fuel Storage Tank -DUMPSTER Tank Excavation LEGEND FFICE PLANTER

Sepulveda Bivd.

PLATE 1



# ATTACHMENT HH

Shell Oil Company



P.O. Box 4218
Woodland Hills, CA 91365-12

## FACSIMILE TRANSMITTAL

TRANSMITTING FAX PHONE NUMBER:	(818) 226-1536 (SSN) 226-1536 (SHELL USE ONLY)
DATE: 117/13	
TO: FTIKE CLAUDIO .	FROM: ILLEY (1)=74/2L1
	TEL. NO./EXT .: 226-1519
COMPANY:	
	SHELL OIL COMPANY LOS ANGELES WEST RETAIL DISTRICT 5850 CANOGA AVENUE, SUITE 300 WOODLAND HILLS. CA 91365
FACSIMILE TEL. NO .: 920-381	3
TELEPHONE NO .: 370-37	89
NUMBER OF PAGES (INCLUDING TRAN	SHITTAL PAGE):
SPECIAL INSTRUCTIONS:	•
·	*
TRANSHITTING EQUIPMENT: RICOH I	FAX 1000L - AUTOHATIC
TO VERIFY RÉCEIPT CALL BETTY KRO	71 Mr. 17 (010) and 171 -
THE RECEIPT CALL BEILT KK	JLAK AT (818) 226-1514

# DEQUENCE OF EVEN,

# SEPULUEDA /VENICE

- MARCH & ESO EST TANK TEST SUZOODE
- MARCH 7 4 a.m. TANK FAILS 6GAL/HR.
- MARCH 7 5:30 a.m PUMP OUT OF TANK CRDE
- TEST DEPTH FOR TANK IS 87"
- WE RECOVERED 11,400 GAL
  - DURING TEST APPROX. 36 GALLONS LOST
- CHECK OF DEALERS BOOKS SHOW 9,000 GAL LOST SINCE DEC.

Mitemati Precazes

FEBRUARY 25, 1992

LOCATION: SHELL 194401 3801 SEPULVEDA, CULVER CITY CA

#### TOTALIZER READINGS:

IOIADI	DIN NUMBER	11001				
PUMP#	1-21	1-22	1-23	2-7	2-14	2-24
1	14942.28	15104.89	15370.85	19268.14	21190.53	23689.66
	97467.85	97683.93	97957.88	103035.55	105729.77	109120.24
	13598.04	14021.35	14493.22	20888.90	24400.00	28588.32
	86821.27	87220.36	87657.94	94031.93	98090.67	102644.78
	7674.21	7880.61	8245.24	13391.30	14313.88	17652.25
	67215.84	67476.30	67756.46	72166.23	73508.23	76316.60
	17741.45	17841.32	17950.54	20045.10	21255.46	22343.30
	77239.01	77300.92	77376.63	78592.04	79256.82	80091.91
-			_		437745.36	460447.06
3	82699.95	384529.68	386808.76			
	•			LESS READI		382699.95
		•		TOTAL DISP	ENSED	77747.11
STICK	6487	4726	2329	73 <b>7</b> 2	6466	5308
					•	
					29339	52029
CNSL		0.00			29333	29339
					171 - 2/24	22690
	TOTAL	GALLONS PUME	PED PER CONS	OLE BETWEEN A	2/14 & 2/24	22690
DD: 7115	D T D C D		131m			
DELIVE	RIES D	ATE AMOU	INT			460447.06
	•	-23 498	2.2 TO	TAL GALLONS I	משפאוונ	437745.36
		-25 397		R TOTALIZERS		22701.70
		-27 398		V TOTULISONS	4/14 4/44	22690.00
	4	<i>21</i> 398		FFERENCE		11.70
• '	7	29 39°		rr marence		11.70
		-1 398				
		-3 497				
		-5 388				
		40				
		189				•
	. 2	-7 399				
_		-10 498				
	-	209		•		
	2	-12 499				
		-16 498			1	
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				•	•	
		-22 576 -23 38				
	2	7930				
GAS IN	י שאאיי ז	-21 648		LLONS OF GAS		87105.00
GUS IN	T VERT	8589		SS GALLONS D	ISPENSED	77747.11
GAS FO	i P	9,50		OULD BE IN TH		9357.89
CALIRB		125		TUAL GAS IN		5308.00
C 1 KB	2011	8710			<b>-, -</b>	-4049.89
		U/11		<del></del>		

MILLIGAN TESTING & SERVICE, INC. 17029 Devonshire St., Suite 300 Northridge, CA 91325 (818) 773-0770

March 9, 1992

Mr. Rob McLaren Shell Oil P. O. Box 4218

Woodland Hills, CA 91365-4218

RE: WIC #204-1944-0100

3801 Sepulveda

@ Venice

Culver City, CA (213) 398-9510

#### Dear Mr. McLaren:

Enclosed are the results of the tank integrity tests performed at the above location on March 6, 1992. The system used for the tests is the USTest 2000/P Tank Testing System. This system exceeds all EPA requirements, and is able to detect a leak rate of .05 gallons per hour with a 99.96% Pd and a .04% Pfa.

This criteria of .05 gallons per hour represents an accuracy tolerance of the equipment and is not to be construed as a permissable leak rate. MTS assumes no responsibility for product leakage. Our responsibility is limited to passing or failing the test based on the specified tolerance of the UST 2000/P Tank Test System.

#### TANK DATA

#### TEST DATA

		PROD.								LEAK <u>RATE</u>
1	12K	su	SWF	R.J.	87	Fail	Pass	Pass	Pass	6/(32870

We appreciate the opportunity to work with you and look forward to providing additional services in the future.

Sincerely,

Dave Milligan

State License #94-1299

Test conducted by:

Thomas Latkovich

State License #92-1387

Thomas a. Jakkovu 4

#### LINE TEST WORKSHEET

CUSTOMER: SHELL OIL

TEST DATE: 03/06/92 TECHNICIAN: T. Latkovich STATE LICENSE #: 92-1387 TEST LOCATION: WIC #204-1944-0100

3801 Sepulveda

@ Venice

Culver City, CA

PRODUCT: SU-2000E

TIME	PSI	Level Start	LEVEL END	LINES LOSS	GAL. LOSS	GPH. LOSS	CONCLUSION
22:45	50	235	230	-5	0015	0060	
23:00	50	230	227	~3	000,9	0036	
23:15	50	227	224	- 3	0009	0036	
23:30	50	224	221	-3	<b>~</b> .0009	0036	PASS
:========		=======	========	=======		:============	=======================================

### EHELL OIL COMPANY ENVIRONMENTAL INCIDENT REPORT

Incident No. 28391911

L. A. WEST DISTRICT (283)

Today's Date: 03/25/92

Originally Reported: 11/24/91 Last Revised: / /

WIC: 20419440100

Location: 3801 SEPULVEDA.VENICE

CULVER CITY. CA 90230

Date Occurred/Discovered: 10/20/91

Sub-account: 3050 'L' Station

Reason for Report: Suspected Leak

Source of Problem: Unknown

Product: Auto Gas

Tank Material: Single Fiberglass

Tank Age: 5-9 years

Gallons Released : Gallons Recovered:

Line Material: Single Fiberglass

Gallons Lost:

Estimated Completion Date: 11/30/91

Actual Completion Date: / /

Estimated Total Cost (SM):

fescription of Incident: EU2000E TANK TEST FAILURE.

#### ENVIRONMENTAL EXPENSE FUNDE

Last Requested On: 11/24/91

By: CAREY WEHRLI SSN: 520-3342

IT TIL	DESCRIPTION	CURR YEAR EUIHALLOC	CURR YEAR EXPENDED	TOTAL EXPENSED
5410 Line 5441 Site 5442 Cont: 5443 Cont: 5453 Cont: 5453 Cont:	l Expended Prior to 1991 Replacement Investigation/Assessment. aminated Soil Disposal aminated Water Disposal aminated Soil Remediation. aminated Water Remediation Monitoring	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.5 0.0 0.0 0.0 0.0
	Totals	0.0	Ú_0	1.5

Scope of Work:

PERFORM HELIUM TEST ON SU2000E SYSTEM TO INVESTIGATE TEST FAILURE.

The above funds are approved.

#### LEAK DETECTOR TEST RECORD

CUSTOMER: SHELL OIL

SYSTEM DATA

TEST LOCATION: WIC #204-1944-0100

3801 Sepulveda

@ Venice

Culver City, CA

DATE: 03/06/92

TECHNICIAN: T. Latkovich STATE LICENSE: 92-1387

•	
Product Line Tested:	SU-2000E
Turbine Manufacturer:	R.J.
Leak Detector Manufacturer:	R.J.
Leak Detector Model:	XLD
Leak Detector Serial #:	21291- 2810
Leak Detector Sealed?	Yes
TEST DATA  1. Turbine Operating Pressure:	29 PSI
2 . Bleedback Test (Resiliency):	loo ML
3. Leak calibrated at:	3 GPH
Leak verified by: 4. Dispensing ml:	95 ML
5. In seconds:	30 SEC
6. Does leak detector sense calibrated leak?	Yes
7. Confirm sensing of calibrate leak after keying nozzle:	d Yes
8. Record step-through time to full pressure:	3 SEC
9. Does leak detector reset fro GPH orifice?	m Yes
10. Is seal/pressure relief tigh (piston leak detector only)	t N/A
CONCLUSION:	PASS :